

ICS 71.040.40

CCS G 76



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 14642-2009

Replacing GB/T 14642-1993

**Industrial circulating cooling water and boiler water --
Determination of fluoride, chloride, phosphate, nitrite, nitrate
and sulfate -- Ion chromatography**

工业循环冷却水及锅炉水中氟、氯、磷酸根、亚硝酸根、硝酸根和硫酸根的测定
离子色谱法

(English Translation)

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Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard specifies the determination of industrial cooling water and boiler water fluoride ion (F⁻) ion chromatography, chloride ions (Cl⁻), phosphate ion (PO₄³⁻), nitrite (NO₂⁻), nitrate ion (NO₃⁻), sulfate ions (SO₄²⁻) method. This standard applies to industrial cooling water and boiler water fluoride content 0. 10 mg/L ~ 100. 0 mg/L, chloride ion content of 0. 10 mg/L ~ 500. 0 mg/L, phosphate ion content of 0. 10 mg/L ~ 100. 0 mg/L, sulfate ion content of 0. 20 mg/L ~ 500. 0 mg/L measurement range, nitrate ion content of 0. 10 mg/L ~ 100. 0 mg/L, nitrite ion content of 0. 10 mg/L ~ 100. 0 mg/L. This standard also applies to surface water, groundwater and other industrial water fluoride ion (F⁻), chloride ions (Cl⁻), phosphate ion (PO₄³⁻), nitrite (NO₂⁻), nitrate ion (NO₃⁻), sulfate ion (SO₄²⁻) determination of plasma.

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